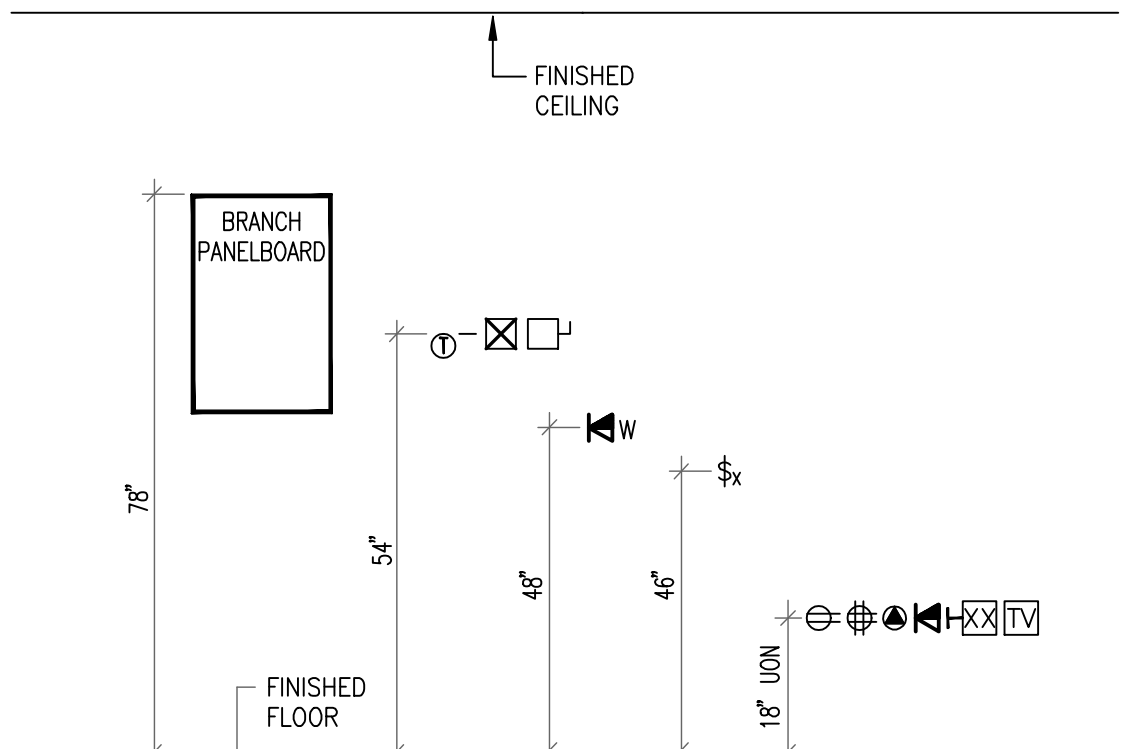


- NOTES:
1. ALL HOMERUNS ARE TO BE 3/4" CONDUIT MINIMUM, UNLESS OTHERWISE NOTED.
  2. ALL CONDUCTORS SHALL BE #12 UNLESS OTHERWISE NOTED.
  3. ALL CONDUITS SHALL CONTAIN A GROUND CONDUCTOR SIZED PER NEC.

## 1 CIRCUITING SYMBOLS

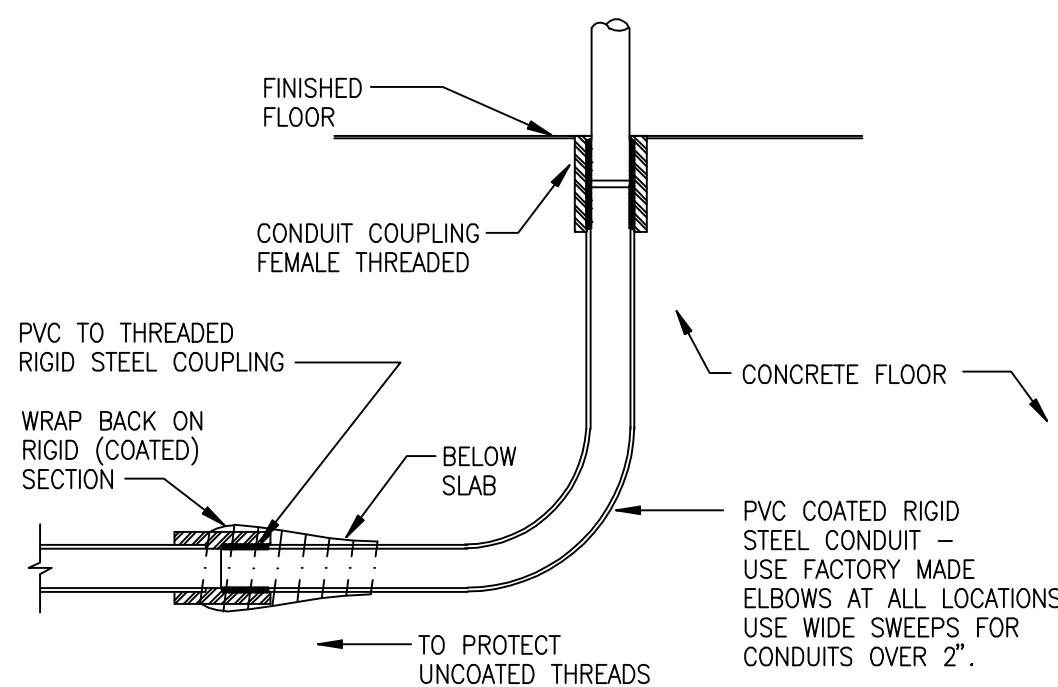
NTS



- NOTES:
1. VERIFY ALL MOUNTING HEIGHTS WITH CABO/ANSI A117.1, U.F.A.S. REQUIREMENTS AND ALL OTHER APPLICABLE CODES.
  2. COORDINATE MOUNTING HEIGHTS WITH ALL ARCHITECTURAL PLANS, ELEVATIONS AND DETAILS PRIOR TO ROUGH-IN. INFORM ARCHITECT OF ANY CONFLICTS.

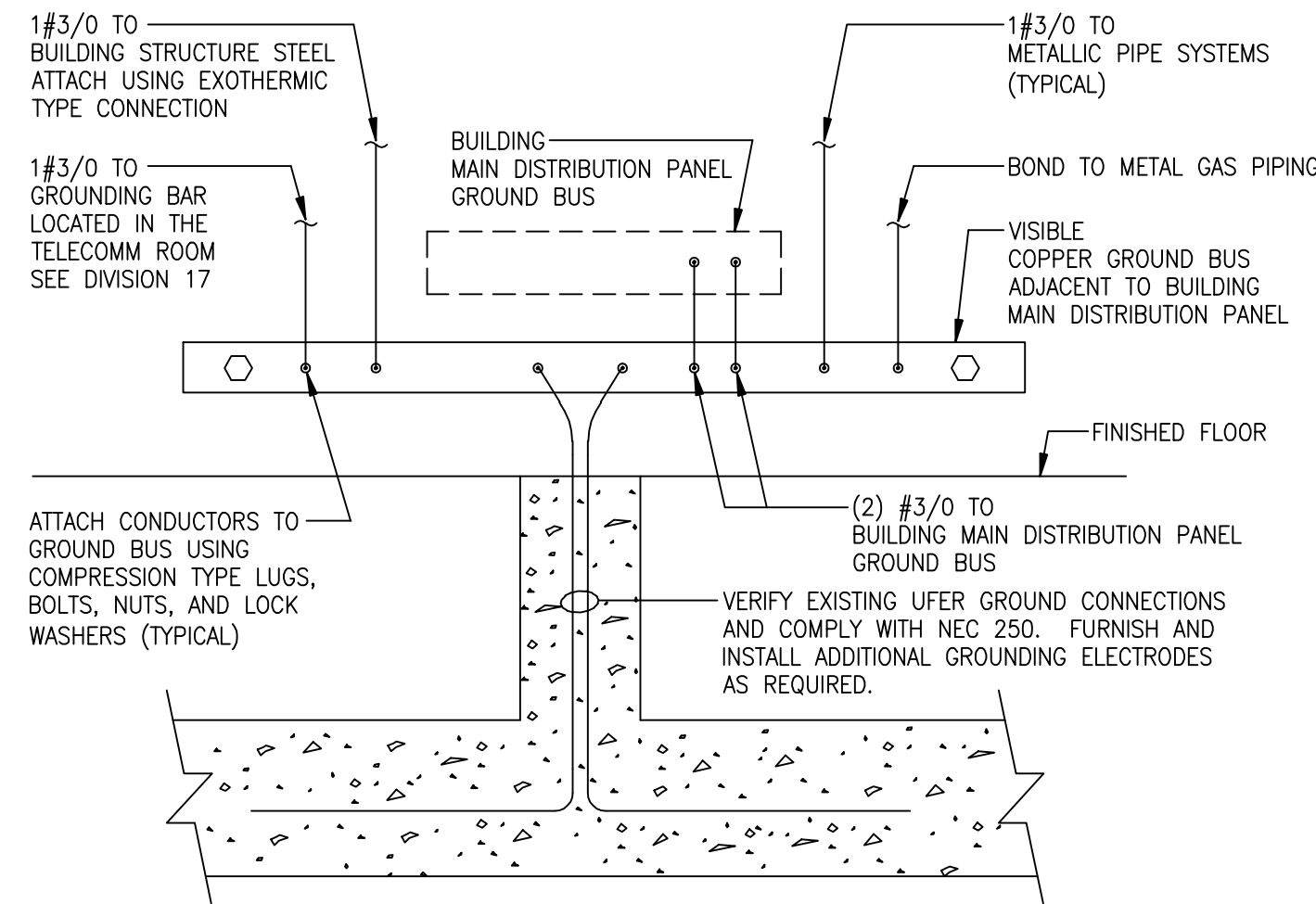
## 2 STANDARD MOUNTING HEIGHTS

NTS



## 3 BELOW GRADE CONDUIT

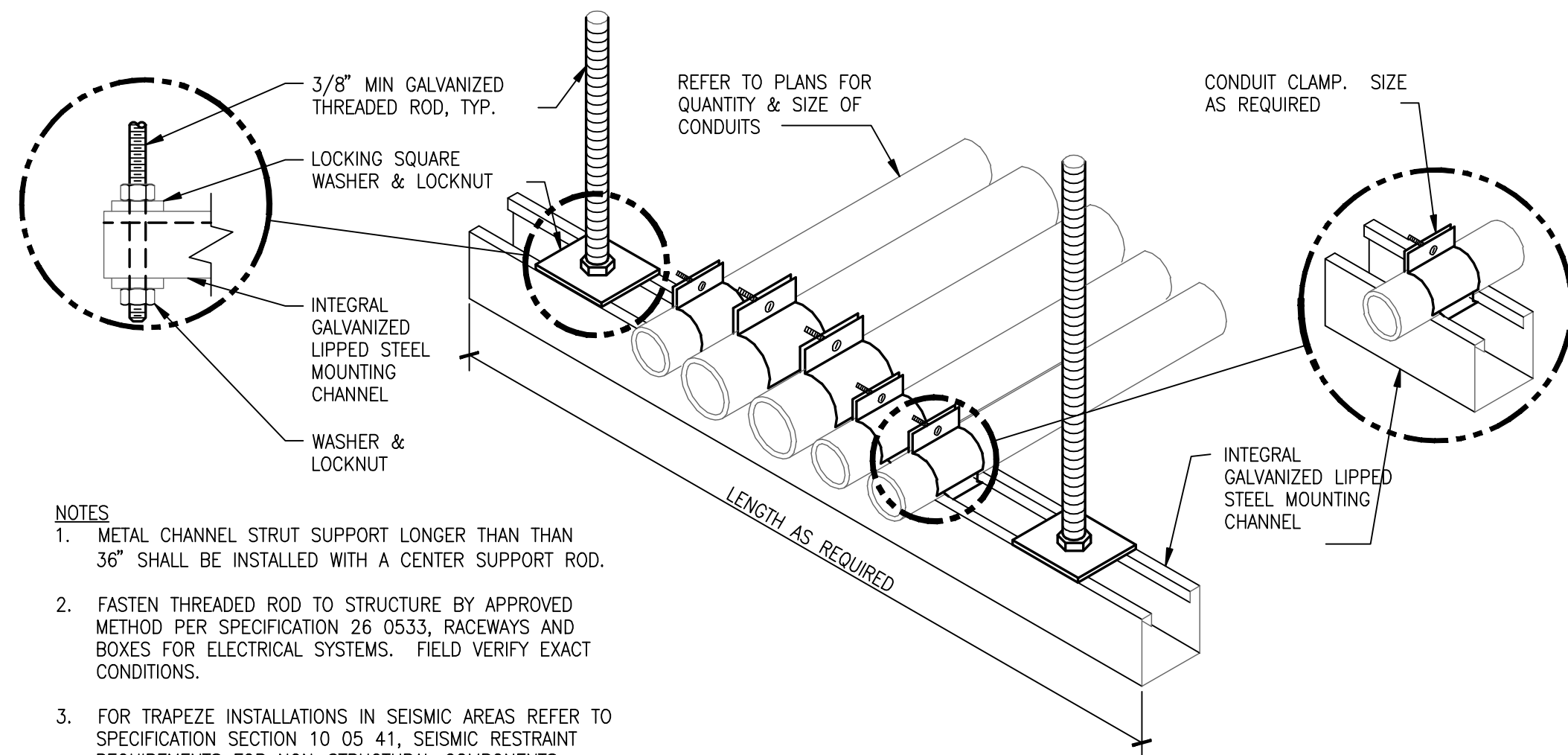
NTS



- NOTES:
1. ALL GROUNDING AND BONDING CONDUCTORS SHALL BE IN ACCORDANCE WITH NEC 250.
  2. VERIFY EXISTING BONDING JUMPER AT SERVICE ENTRANCE EQUIPMENT PDS-33 AND MAKE CONNECTION PER NEC. FEEDER TO BUILDING 33, FROM SERVICE EQUIPMENT SHALL CONTAIN AN EQUIPMENT GROUNDING CONDUCTOR. COMPLY WITH NEC 250.32(B) FOR SEPARATE STRUCTURES. SEE SINGLE-LINE FOR REQUIREMENTS.

## 4 GROUNDING DETAIL

NTS



- NOTES
1. METAL CHANNEL STRUT SUPPORT LONGER THAN 36" SHALL BE INSTALLED WITH A CENTER SUPPORT ROD.
  2. FASTEN THREADED ROD TO STRUCTURE BY APPROVED METHOD PER SPECIFICATION 26 0533, RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS. FIELD VERIFY EXACT CONDITIONS.
  3. FOR TRAPEZE INSTALLATIONS IN SEISMIC AREAS REFER TO SPECIFICATION SECTION 10 05 41, SEISMIC RESTRAINT REQUIREMENTS FOR NON-STRUCTURAL COMPONENTS.

## 5 CONDUIT TRAPEZE MOUNTING DETAIL

NTS

95% SUBMISSION

REVISIONS

DATE

CSHQ6A

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CONSTRUCTION

DRAWING TITLE

ELECTRICAL DETAILS

APPROVED: DIVISION CHIEF

APPROVED: SERVICE DIRECTOR

PROJECT TITLE

VAMC  
ENERGY UPGRADES  
PHASE ONE BUILDING 33

BUILDING NUMBER

33

CHECKED

AKD

DRAWN

DJP

LOCATION  
BOISE, IDAHO

DATE

03/03/11

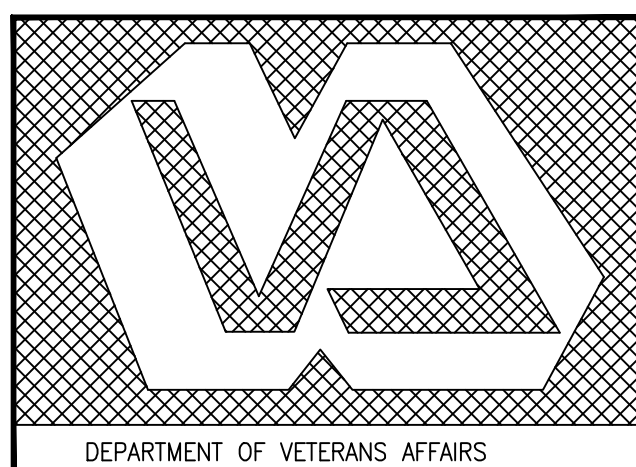
PROJECT NO.

531-10-114

DRAWING NO.

E4.1

DWG. 32 OF 32



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